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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Israel S. Jacobs

Serial No.: 10/682,114

Filed: October 10, 2003

For MAGNETIC NATERIALS, PASSIVE SHIMS AND MAGNETIC RESONANCE IMAGING SYSTEMS

Group Art Unit: 2882

Examiner:

INFORMATION DISCLOSURE STATEMENT

☒ 1 **Pursuant to 37CFR 1.97(b)**
[within 3 months of national, non-CPA fiiling or prior to 1st Office Action] *no charge*

☐ 2 **Certification Pursuant to 37 CFR 1.97(c)(1)**
[before Final Office Action, Allowance, or other action closing prosecution] *no charge*

☐ 3 **Fee Payment Pursuant to 37 CFR 1.97(c)(2)**
[before Final Office Action, Allowance, or other action closing prosecution] *$180.00*

☐ 4 **Certification & Fee Payment Pursuant to 37 CFR 1.97(d)**
[On or before issue fee payment] *$180.00*

ATTN: MAILSTOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313-1450

Sir:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98:

☒ 5 A list of documents on form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

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Date of Deposit

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Signature

This paper is submitted in accordance with:

☒ 6 37 CFR 1.97(b): [within 3 months of national, non-CPA filing or prior to 1st Office Action]

☐ 7 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and

☐ 8 The required Certification made in item 11 below;

or

☐ 9 The $180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 15 below.

☐ 10 37 CFR 1.97(d): [on or before issue fee payment]; and

a) The required Certification is stated in item 11 below; and

b) The $180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.

☐ 11 Certification

☐ 12 Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this Statement; or

☐ 13 No item contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.

☒ 14 Payment of all applicable fees:

☒ 15 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0868

An original and two (2) copies of this document are enclosed.

Respectfully submitted,

9/17/04
Date

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FORM PTO-1449 (REV. 7-80)	US. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. RD-28,228	SERIAL NO. 10/682,114
		Applicant Israel S. Jacobs	
		Filing Date 10/10/03	Group 2882

O I P E SEP 2 0 2004 JC105 PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
LIST OF ITEMS

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	1724405	8/13/29	Knight			
	AB	2213085	8/27/40	Faus			
	AC	2968548	1/17/1961	Clark			
	AD	4456898	6/26/84	Frischmann	335	217	2/11/82
	AG	5349297	9/20/94	DeMeester et al.	324	318	6/21/93
	AE	5677854	10/14/97	Dorri	364	578	1/17/95
	AH	6294972	9/25/2001	Jesmanowicz, et al.	335	301	11/20/00
	AF						

US PATENT APPLICATION PUBLICATION DOCUMENTS

		DOCUMENT NUMBER	PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B1						
	B2						
	B3						

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

	C1	
	C2	
	C3	
	C4	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

FORM PTO-1449 (REV. 7-80) (Title Amended 3/83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		RD-28,228	10/682,114
INFORMATION DISCLOSURE STATEMENT BY APPLICANT-- LIST OF ITEMS		Applicant: Israel S. Jacobs	
(*Use several sheets if necessary*)		Filing Date: 10/10/03	Group: 2882

OTHER INFORMATION (*Including Author, Title, Date, Pertinent pages. Etc*)

	AU	Charles Kittel, "Introduction to Solid State Physics". John Wiley & Sons, Inc. NY (1953), pp. 164. (For figure 1.)
	AV	W.P. Wolf, "Ferrimagnetism", in Reports of Progress in Physics, Vol. 24, (1961) pp. 212-303. (For figure 2, a, b, c and d.)
	AW	J. Laforest, R. Lemaire, R. Pauthenet and J. Schweizer, Comptes Rendus Acad. Sci. Paris[Ser. B], vol 262, p. 1260 (1966), "Propriete magnetostaliques des alliages T(2)Co(17) dans lesquels T est un metal des terres rares ou l'yttrium". (Figures 3a and b.)
	AX	K.H.J. Buschow, Physica Status Solidi, vol, (a)7, pp. 199-210 (1971), "Intermetallic Compounds of Rare Earth Elements and Ni, Co or Fe". (Figure 4.)
	AY	E. Burzo, Zeits. f. Angewandte Physik, vol. 32, pp. 127-132 (1971), "Magnetic and Crystallographic Properties of Rare Earth and Yttrium-Iron Laves Phases". (Figure 5.)
	AZ	J.E. Greedan, Amer. Inst. of Physics Conference aproceedings, No. 5, Part 2, (1972), pp. 1325-1429 [Proc. Conf. on magnetism and magnetic materials-1971], "Magnetic Properties of Gd(1-x) Th(x) Fe(3)". (Figure 6.)
	BU	E.W. Gorter and J.A. Schulkes, Phy. Rev., vol. 90, pp. 487-488 (1953), "Reversal of Spontaneous Magnetization as a Function of Temperature in LiFe O Spinels". (Figure 7.)
	BV	F. Bertaut and R. Pauthenet, Proc. IEEE, vol. B104, Supplements Nos. 5-7, pp. 261-264 (1957), "Crystalline Structure and Magnetic Properties of Ferrites Having the General Formula 5Fe(2)O(3).3MeO(3)". (Figure 8A.)
	BW	A. Budkowski, A. Szytula, D. Rodic, R. Duraj, J. Mayer, J. Sciesinski and V. Spasojevic, J. Magnetism and Magnetic Materials, vol. 78, pp. 226-236, (1989), "The Compensation Point in REIG and Some of its Properties". (Figure 8B.)
	BX	P. Hansen, K. Witter and W. Talksdorf, Phys. Rev. B, vol.27, pp. 4375-4383 (1983), "Magnetic and Magneto-Optical Properties of Bismuth-Substituted Gadolinium-Iron Garnet Films". [Note: The data for T<T (comp) apply to the left hand scale and those for T>T
	BY	
	BZ	

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.